CLAIMS:

1. A method of changing an output rate of information for a buffer with a constant first output rate, where the buffer receives output data from a data source, and the output data is added to be stored in said buffer, characterized in that the method comprises the steps of:

- halting the reception of output data from the data source;
- outputting the stored output data of said buffer at said first output rate until said buffer is empty;
- stopping outputting of the content of said buffer;
- resuming receiving and storing of said output data from the data source in said buffer when the buffer is substantially empty;
- setting a second constant output rate as the output rate of said buffer; and
- commencing output of the stored content of said buffer at said second output rate, when the amount of buffered data is substantially equal to the second constant output rate times a requested buffer-time.

2. A method according to claim 1, wherein the data source specifies a second constant output rate and a requested buffer-time for said buffer.

3. A method according to claim 1, wherein the resuming of said output data is initiated when the buffer is empty.

4. A method according to claim 1, wherein the

- data source is a software application adapted to receive and process input data and outputting of said output data.

5. A method according to claim 1, wherein the

- buffer is a hardware buffer.

6. A method according to claim 1, wherein the

- step of halting the reception for output data comprises discarding said input data by said data source.

7. A method according to claim 1, wherein the

- input data are MPEG2 compliant elementary streams and the data source is adapted to multiplex the MPEG2 streams into a transport stream.

8. A device for changing an output rate of information for a buffer where the buffer has a constant first output rate and means for receiving output data from a data source, and means for adding and storing said output data in said buffer, characterized in that the device comprises the means for:

- halting/stopping the reception of output data from the data source;
- outputting the stored content of said buffer at said first output rate until said buffer is empty;
- stopping outputting of the content of said buffer, and
- resuming receiving and adding/storing output data from the data source when the buffer is substantially empty;
- setting the second constant output rate as the output rate of said buffer, and
- commencing output of the stored content of said buffer at said second output rate, when the amount of buffered data is equal to the second constant output rate times the requested buffer time.

9. A device according to claim 8, wherein the device comprises means for specifying a second constant output rate and a requested buffer time for said buffer.

10. A device according to claim 8, wherein the device is adapted to resume said output data when the buffer is empty.

11. A device according to claim 8, wherein the

- data source is a software application that comprises means for receiving and processing of input data and means for outputting said output data.